

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A computer-implemented method of permitting controlled access to medical information of a patient, the method comprising:

supplying medical information of the patient to a central repository by the patient and any medical providers who have treated the patient;

establishing a storage means for storing and maintaining the medical information of the patient in the central repository;

establishing a means for accessing the medical information by the patient or any other authorized user from an access device using a unique patient identifier and a patient PIN;

controlling by the patient an authorization and a scope of access to the medical information by the patient according to an assigned role of a user accessing the medical information by modifying an access control list within the patient's profile when the patient is connected to the central repository, wherein the access control list lists each authorized user and the assigned role of each authorized user, wherein the scope of access includes which items of medical information are available to an assigned role and how that information will be viewed;

assigning each authorized user with a unique authorized user ID and an authorized user PIN pin; and

tracking and notifying the patient of an identity of an entity that a user who accessed the medical information, information that was accessed by the entity user, and when the entity user accessed the information.

2. (Cancelled).
3. (Currently Amended) The method of claim 1, wherein the ~~means for accessing the medical information access device~~ is controlled using a universally unique identifier.
4. (Original) The method of claim 1, wherein said controlling step is overridden by a registered emergency provider.

5-15. (Cancelled).

16. (Previously Presented) The method of claim 1, wherein the patient is compensated for permitting some of the medical information to be available and used by a research institution.
17. (Previously Presented) The method of claim 1, wherein during a doctor visit the patient provides access to the medical information for a time period long enough to support the visit at which point the access times out.
18. (Previously Presented) The method of claim 1, wherein access to the patient's medical information expires when a physician logs into another room/appointment.
19. (Cancelled).

20. (Currently Amended) A machine-readable storage having stored thereon, a computer program having a plurality of code sections, said code sections executable by a machine for causing the machine to perform the steps of:

supplying medical information of the patient to a central repository by the patient and any medical providers who have treated the patient;

~~establishing a storage means for storing and maintaining~~ the medical information of the patient in the central repository;

~~establishing a means for~~ accessing the medical information by the patient ~~or any other authorized user~~ from an access device using a unique patient identifier and a patient PIN;

~~controlling by the patient an authorization and a scope of access to the medical information by the patient according to an assigned role of a user accessing the medical information~~ by modifying an access control list within the patient's profile when the patient is connected to the central repository, wherein the access control list lists each authorized user and the assigned role of each authorized user, wherein the scope of access includes which items of medical information are available to an assigned role and how that information will be viewed;

assigning each authorized user with a unique authorized user ID and an authorized user PIN pin; and

tracking and notifying the patient of an identity of ~~an entity that a user who~~ accessed the medical information, information that was accessed by the entity user, and when the entity user accessed the information.

21. (Cancelled).

22. (Currently Amended) The machine-readable storage of claim 20, wherein the ~~means for accessing the medical information access device~~ is controlled using a universally unique identifier.

23. (Previously Presented) The machine-readable storage of claim 20, wherein said controlling step is overridden by a registered emergency provider.

24. (Currently Amended) A computer-implemented system for permitting controlled access to medical information of a patient, the system comprising:

a central repository storage means for storing and maintaining medical information of the patient, the medical information of the patient being supplied to the central repository by the patient and any medical providers who have treated the patient;

means an access device for accessing the medical information by the patient or any other authorized user, the patient accessing the medical information from the access device using a unique patient identifier and a patient PIN, each authorized user accessing the medical information from the access device using a unique authorized user ID and an authorized user PIN; and

at least a processor configured to

means for controlling control by the patient an authorization and a scope of access to the medical information by the patient according to an assigned role of a user accessing the medical information by modifying an access control list within the patient's profile when the patient is connected to the central repository, wherein the access control list lists each authorized user and the assigned role of each authorized user, wherein the scope of access includes which items of medical information are available to an assigned role and how that information will be viewed;

~~means for assigning assign each authorized user with a unique authorized user ID and an authorized user PIN pin, and~~

~~means for tracking and notifying track and notify the patient of an identity of an entity that a user who accessed the medical information, information that was accessed by the entity user, and when the entity user accessed the information.~~

25. (Cancelled).

26. (Currently Amended) The system of claim 24, wherein ~~the access device means for controlling the means for accessing the medical information comprises is controlled using a universally unique identifier.~~

27. (Currently Amended) The system of claim 24, wherein ~~said means for controlling the access of the medical information may be the access control is overridden by registered emergency providers.~~